

### ABSTRACT (Currently amended)

The present invention provides a cleaning device which is superior in dust collecting capacity and which allows material selection from a wide range in terms of fibers and a base material sheet forming the same and can be produced in a short processing time while preventing thermal deterioration in and thermal hardening setting of the material, and a process for producing the same. A cleaning device 1 according to the present invention is obtained by providing a large number of filaments 30 aligned in fiber direction with a linear bundling portion 40 for connecting the fibers to each other by heat-sealing, forming a filament bundling body 31 previously bundled by the bundling portion 40, and bonding the filament bundling body 31 to a base material sheet 6 by means of an adhesive or a hot melt type or the like. Further, a bristle-like-member-less portion 14 of a brush sheet 9 with a plurality of bristle-like members 8 may be integrally bonded to a fiber bundle 7 and the base material sheet 6 by means of an adhesive.